

Table 13. Revised: Recommended Permit Limits for Phase 1 of TMDL

A. Mass Limits

Summer						Winter
	Total Phosphorus* (lb/day) Mo. Ave.	BOD5 / TSS (lb/day) Mo. Ave.	BOD5 / TSS (lb/day) Wk. Ave.	BOD5 / TSS (lb/day) Daily Max	Ammonia-N (lb/day) Wk. Ave.	Ammonia (lb/day) Mo. Ave.
Milton, NH	2.0	25	37.6	41.7	none	none
Berwick, ME	4.4	87	131	146	65	147**
Somersworth, NH	9.5	190	285	317	143	321**
Rollinsford, NH	1.2	16	24	27	none	none
S. Berwick, ME	4.8	63	95	106	none	none
Limits Apply	5/1 - 9/30	6/1 - 9/30				10/1 - 5/31

B. Concentration Limits

Summer						Winter
	Total Phosphorus (ppm) Mo. Ave.	DO (ppm) Daily Min.	BOD5 / TSS (ppm) Mo. Ave.	BOD5 / TSS (ppm) Wk. Ave.	BOD5 / TSS (ppm) Daily Max	Ammonia (ppm) Mo. Ave.
Milton, NH	none	none	30	45	50	none
Berwick, ME	0.5	≥ 6.5	10	15	17	16**
Somersworth, NH	0.5	≥ 6.5	10	15	17	16**
Rollinsford, NH	1.0	none	14	20	22	none
S. Berwick, ME	1.0	none	14	20	22	none
Limits Apply	5/1 - 9/30	6/1 - 9/30				10/1 - 5/31

** These winter limits are based on the most stringent state standard currently in effect in ME and NH: ME's use of the 1992 EPA chronic AWQC of 2.7 ppm NH₃ @ pH 7, temp. 10C. Both states intend to adopt EPA's revised chronic ammonia criteria in 1999. The EPA ammonia criteria were last updated in July 1998, and are scheduled for another revision in July 1999. By the time NPDES permits are written, the standards in effect may be different from those in this table, and permit limits will need to be recalculated.